

NEAQS 2002 Ron Brown Data Update: Feb 17, 2003

Key: **Green** = final; **yellow** = preliminary; white = ? Dates indicate the month/year of the final file version.
 The acronym in the status column indicates that data is available at the designated ftp site with that affiliation. Bold indicates a password protected site.

Parameter	Method	Affiliation	Principal Investigator	Status
Ship, basic met*	-	-	-	11/02 PMEL, AL
Ozone (O3)	UV Absorption	AL/PMEL	Williams & Johnson	
Ozone (O3)	NO/O3 Chemiluminescence	AL	Williams	
Carbon Monoxide (CO)	Non-dispersive IR	AL	Williams	
Carbon Dioxide (CO2)	Non-dispersive IR	AL	Williams	
Sulfur Dioxide (SO2)	Pulsed Fluorescence	AL/PMEL	Williams/Bates	
Nitric Oxide (NO)	Chemiluminescence	AL	Williams	
Nitrogen Dioxide (NO2)	Photolysis cell	AL	Williams	
Total Nitrogen Oxides (NOy)	Au tube reduction	AL	Williams	
PANs	GC/ECD	AL/WMU	Roberts	
Alkyl Nitrates	GC/FID	AL/WMU	Roberts	
NO3/N2O5	Cavity Ring-Down Spect.	AL	Brown	1/03 AL
Photolysis Rates	Spectral Radiometer	AL	Jakoubek	
Aerosol Size and Composition	Aerosol Mass Spectrometer	AL/Aerodyne	Middlebrook /Worsnop	
Aerosol Bulk Ionic Compostion - sub micron at 55%RH	Particle Into Liquid Sampling (PILS) - inorganic ions	PMEL/GIT	Quinn/Weber	2/03 PMEL
Aerosol Bulk Ionic Compostion - 2 stage (sub/super micron) & 7 stage at 55%RH micron)	Impactors - inorganic ions trace elements total aerosol mass OC/EC	PMEL	Quinn & Bates	2/03 PMEL
Total and Submicron Aserosol Scattering & Backscattering	TSI 3563 nephelometer	PMEL	Quinn	2/03 PMEL

Total and Submicron Aerosol Absorption	Radiance Research PSAP	PMEL	Quinn	2/03 PMEL
Aerosol Optical Depth	Microtops	PMEL	Quinn	2/03 PMEL
Aerosol Number	CNC (TSI 3010, 3025)	PMEL	Quinn	2/03 PMEL
Aerosol Size Distribution, 5 - 10,000nm at 55% RH	Twin DMAs and an APS	PMEL/UW	Bates/Covert	2/03 PMEL
Aerosol Hygroscopic Growth	Tandem DMAs	UW	Covert	
Continuous Speciation of VOCs	PTR-MS/CIMSs	AL	de Gouw& Werneke	
VOC Specitation	GC/MS	AL	Goldan & Kuster	
Nitric Acid	Automated Mist Chamger/IC	UNH	Dibb	
Radon	Radon Gas Decay	PMEL	Johnson	2/03 PMEL
Ozone/Aerosol Vertical Profiles	DIAL Lidar/Aerosol backscatter	ETL	Sneff	
Wind/Temp/RH Profiles	Wind Profiler	ETL	McLaughlin	
Seawater and Atmospheric pCO2		PMEL/AOML	Feely/Wanninkhof	
Methyl Halides and NMHC in surface and air	GC/ECD	NMT/CMU	Wingenter/Sive	
Aerosol Acid balance	Mist Chambers/hi-vol PH and IC	UNH/MWO /UVA	Pszenny/Keene	
Irradiance	PRP	BNL	Reynold	

*Ship/Met parameters include ambPrs, AmbTemp, lat, lon, ReHumidity, RelWindDir, RelWindSpd, SeaSurfTemp, shipDir, shipSpd, timestart, timestep, TrueWindDir, TrueWindSpd.